Title (en)
   HYBRID AUTOMOBILE

Title (de)
   HYBRIDAUTOMOBIL

Title (fr)
   AUTOMOBILE HYBRIDE

Publication
   **EP 2559577 A1 20130220 (EN)**

Application
   **EP 11768717 A 20110323**

Priority
   • JP 2010094391 A 20100415
   • JP 2011057930 W 20110323

Abstract (en)
   A hybrid vehicle is provided in which after a determination is made as to whether the remaining capacity is higher than a first threshold value, any one of a first running mode, a second running mode, and a third running mode is selected depending on first speed, second speed, or third speed so that the vehicle runs in the mode, whereby the vehicle can run by easily selecting an appropriate series hybrid mode or an appropriate parallel hybrid mode in each range depending on whether the remaining capacity is higher than the first threshold value, and running control can be made stable and easy.

IPC 8 full level
   **B60K 6/442** (2007.10); **B60K 6/387** (2007.10); **B60L 50/15** (2019.01); **B60L 50/16** (2019.01); **B60T 8/17** (2006.01); **B60W 10/02** (2006.01); **B60W 20/00** (2006.01)

CPC (source: EP KR US)
   **B60K 6/442** (2013.01 - EP KR US); **B60L 50/16** (2019.01 - EP US); **B60L 50/61** (2019.01 - EP US); **B60L 58/12** (2019.01 - EP US); **B60W 10/02** (2013.01 - EP US); **B60W 10/08** (2013.01 - EP US); **B60W 20/00** (2013.01 - KR); **B60W 20/13** (2016.01 - US); **B60W 50/082** (2013.01 - US); B60W 20/00 (2013.01 - EP US); B60W 2510/244 (2013.01 - EP US); Y02T 10/62 (2013.01 - EP US); Y02T 10/70 (2013.01 - EP US); Y02T 10/7072 (2013.01 - EP US)

Cited by
   CN104553853A

Designated contracting state (EPC)
   AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
   **EP 2559577 A1 20130220**; **EP 2559577 A4 20171101**; **EP 2559577 B1 20201007**; CN 102844212 A 20121226; CN 102844212 B 20150722; JP 2011225034 A 20111110; JP 5338743 B2 20131113; KR 101406536 B1 20140613; KR 20130014683 A 20130208; US 2013030638 A1 20130131; US 8965614 B2 20150224; WO 2011129196 A1 20111020

DOCDB simple family (application)
   **EP 11768717 A 20110323**; CN 201180019189 A 20110323; JP 2010094391 A 20100415; JP 2011057930 W 20110323; KR 20127026871 A 20110323; US 201113641430 A 20110323